

# 83CNQ100SM

# 83CNQ100SM Information

www.heistler.com	Part Number	83CNQ100SM	
	Manufacturer	SMC Diode Solutions	
	Category	Discrete Semiconductor Products Diodes - Rectifiers - Arrays	124.13
	Description	DIODE SCHOTTKY 100V 40A PRM2-SM	
	Package	PRM2-SM	
		For the pricing/inventory/lead time, please contact us	
For Reference Only		Website: https://www.heisener.com E-mail: salesdept@heisener.com	Request a Quote

## **Certified Quality**

Heisener's commitment to quality has shaped our processes for sourcing, testing, shipping, and every step in between. This foundation underlies each component we sell.



## 83CNQ100SM Specifications

Manufacturer Part Number83CNQ100SMManufacturerSMC Diode SolutionsCategoryDiscrete Semiconductor ProductsDiodes - Rectifiers - ArraysDiodes - Rectifiers - ArraysPackagePRM2-SMSeries-Diode ConfigurationI Pair Common CathodeDiode TypeSchottkyVoltage - DC Reverse (Vr) (Max)100VCurrent - Average Rectified (Jo) (per Diode)40AVoltage - Forward (Vf) (Max) @ IfI V@ 40ASpeedFast Recovery = < 500ns, > 200mA (Io)Reverse Recovery Time (trr)-Current - Reverse Leakage @ Vr1.5mA @ 100VOperating Temperature - Junction-55°C ~ 175°CMounting TypePRM2-SMPackage / CasePRM2-SMSupplier Device PackagePRM2-SMSupplier Device PackagePRM2-SMSupplier Device PackagePRM2-SMManuting TypePRM2-SMSupplier Device PackagePRM2-SMSupplier Device PackagePRM2-SM <tr< th=""><th></th><th></th></tr<>		
CategoryDiscrete Semiconductor ProductsCategoryDiodes - Rectifiers - ArraysPackagePRM2-SMPackage-Series-Diode Configuration1 Pair Common CathodeDiode TypeSchottkyVoltage - DC Reverse (Vr) (Max)100VCurrent - Average Rectified (Io) (per Diode)40AVoltage - Forward (Vf) (Max) @ IfIV @ 40ASpeedFast Recovery - S00ns, > 200mA (Io)Reverse Recovery Time (trr)-Current - Reverse Leakage @ Vr1.5mA @ 100VOperating Temperature - Junction-55°C ~ 175°CMouting TypeThrough HolePackage / CasePRM2-SMSupplier Device PackagePRM2-SM	Manufacturer Part Number	83CNQ100SM
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Series-Diode Configuration1 Pair Common CathodeDiode TypeSchottkyVoltage - DC Reverse (Vr) (Max)100VCurrent - Average Rectified (Io) (per Diode)40AVoltage - Forward (Vf) (Max) @ IfIV @ 40ASpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (trr)-Current - Reverse Leakage @ Vr1.5mA @ 100VOperating Temperature - Junction-55°C ~ 175°CMounting TypeThrough HolePackage / CasePRM2-SMSupplier Device PackagePRM2-SM		Diodes - Rectifiers - Arrays
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Voltage - DC Reverse (Vr) (Max)100VCurrent - Average Rectified (Io) (per Diode)40AVoltage - Forward (Vf) (Max) @ If1V @ 40ASpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (trr)-Current - Reverse Leakage @ Vr1.5mA @ 100VOperating Temperature - Junction-55°C ~ 175°CMounting TypeThrough HolePackage / CasePRM2-SMSupplier Device PackagePRM2-SM	Diode Configuration	1 Pair Common Cathode
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Voltage - Forward (Vf) (Max) @ IfIV @ 40ASpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (trr)-Current - Reverse Leakage @ Vr1.5mA @ 100VOperating Temperature - Junction-55°C ~ 175°CMounting TypeThrough HolePackage / CasePRM2-SMSupplier Device PackagePRM2-SM	Voltage - DC Reverse (Vr) (Max)	100V
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Reverse Recovery Time (trr)-Current - Reverse Leakage @ Vr1.5mA @ 100VOperating Temperature - Junction-55°C ~ 175°CMounting TypeThrough HolePackage / CasePRM2-SMSupplier Device PackagePRM2-SM	Voltage - Forward (Vf) (Max) @ If	1V @ 40A
Current - Reverse Leakage @ Vr1.5mA @ 100VOperating Temperature - Junction-55°C ~ 175°CMounting TypeThrough HolePackage / CasePRM2-SMSupplier Device PackagePRM2-SM	Speed	Fast Recovery =< 500ns, > 200mA (Io)
Operating Temperature - Junction-55°C ~ 175°CMounting TypeThrough HolePackage / CasePRM2-SMSupplier Device PackagePRM2-SM	Reverse Recovery Time (trr)	-
Mounting TypeThrough HolePackage / CasePRM2-SMSupplier Device PackagePRM2-SM	Current - Reverse Leakage @ Vr	1.5mA @ 100V
Package / CasePRM2-SMSupplier Device PackagePRM2-SM	Operating Temperature - Junction	-55°C ~ 175°C
Supplier Device Package PRM2-SM	Mounting Type	Through Hole
	Package / Case	PRM2-SM
Report erro	Supplier Device Package	PRM2-SM
•		Report errors?

#### 83CNQ100SM Guarantees



Quality Guarantees

We provide 90 days warranty. \* If the items you received were not in perfect quality, we would be responsible for your refund or replacement, but the items must be returned in their original condition.

# SERVICE

#### **Service Guarantees**

We guarantee 100% customer satisfaction. Our experienced sales team and tech support team back our services to satisfy all our customers.

#### 83CNQ100SM Payment Methods



# 83CNQ100SM Shipping Methods



If you have any question about 83CNQ100SM, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com